

WHAT IS CLAIMED IS:

1. A transportation system comprising:

mandatory terminals of a plurality of transportation vehicles which directly transport an object to be transported from a business connection to a delivery destination for periodically transmitting current location information of their own to an order receiving server through a line to receive delivery information including a location of a business connection in charge of an object to be transported and a location of a delivery destination from said order receiving server through said line,

a plurality of ordering terminals for placing an order for transportation of an object to be transported which transmit order information including a location of a business connection in charge of said object to be transported and a location of a delivery destination to the order receiving server through said line, and

an order receiving order for receiving an order for transportation of said object to be transported which transmits, for each said order information, said delivery information to specific said transportation vehicle closest to a location of a business connection in charge of said object to be transported among said transportation vehicles.

2. The transportation system as set forth in claim 1,  
wherein

    said mandatory terminal of the transportation  
    vehicle includes:

5      transmission means for periodically transmitting  
    current location information of its own to the order  
    receiving server through the line, and

10     means for receiving delivery information  
    including a location of a business connection in charge  
    of said object to be transported and a location of a  
    delivery destination from said order receiving server  
    through said line, and

15     said order receiving server includes:

20     means for receiving said current location  
    information of one's own from each said mandatory  
    terminal of said plurality of transportation vehicles  
    through said line to specify each current location  
    information of said plurality of transportation vehicles,

25     means for receiving said order information from  
    each of said plurality of ordering terminals through  
    said line to specify each location of a business  
    connection in charge of said object to be transported  
    and each location of a delivery destination,

    means for specifying a transportation vehicle  
    having the current location information of a  
    transportation vehicle closest to each location of a  
    business connection in charge of said object to be

transported among respective current location  
information of said plurality of transportation vehicles  
30 as a mandated transportation vehicle, and

means for transmitting said delivery information  
to each mandatory terminal of the transportation vehicle  
specified as said mandated transportation vehicle  
through said line.

35 3. The transportation system as set forth in claim 2,  
wherein

said mandatory terminal of the transportation  
vehicle further includes

5 control means for enabling said transmission  
means to transmit said current location information of  
one's own only in a desired period.

4. The transportation system as set forth in claim 2,  
wherein

each of said plurality of ordering terminals  
includes

5 means for transmitting, to said order receiving  
server through said line, transportation start  
information to the effect that a transportation vehicle  
specified by said order receiving server as said  
mandatory transportation vehicle will transport said  
10 object to be transported from the business connection,  
and

said order receiving server includes means for receiving said transportation start information through said line.

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5. The transportation system as set forth in claim 2,  
wherein

each mandatory terminal of said plurality of transportation vehicles includes

5 means for transmitting transportation completion information to the effect that the object to be transported of said customer is transported to the delivery destination to said order receiving server through said line, and

10 said order receiving server includes means for receiving said transportation completion information through said line.

6. The transportation system as set forth in claim 2,  
wherein

each of said plurality of ordering terminals includes:

5 means for transmitting, to said order receiving server through said line, transportation start information to the effect that a transportation vehicle specified by said order receiving server as said mandatory transportation vehicle will transport said object to be transported from a business connection, and

means for transmitting transportation completion information to the effect that said object to be transported is transported to the delivery destination to said order receiving server through said line, and

15                   said order receiving server includes:

                  means for receiving said transportation start information through said line, and

                  means for receiving said transportation completion information through said line.

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7.           The transportation system as set forth in claim 2, wherein

                  each mandatory terminal of said plurality of transportation vehicles includes

5                   means for transmitting transportation completion information to the effect that said object to be transported is transported to the delivery destination to said order receiving server through said line,

                  said order receiving server includes means for receiving said transportation completion information through said line,

                  each of said order information and said delivery information further includes an electronic mail address of said customer,

15                   said order receiving server includes means for receiving said order information from each of said plurality of ordering terminals through said line to

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specify an electronic mail address of said customer, and  
each mandatory terminal of said plurality of  
20 transportation vehicles includes means for transmitting  
said transportation completion information to said order  
receiving server through said line, as well as  
transmitting said transportation completion information  
to a terminal of said customer by means of an electronic  
25 mail through said line.

8. The transportation system as set forth in claim 2,  
wherein

each of said plurality of ordering terminals  
includes:

5 means for transmitting, to said order receiving  
server through said line, transportation start  
information to the effect that a transportation vehicle  
specified by said order receiving server as said  
mandatory transportation vehicle will transport said  
10 object to be transported of said customer from the  
business connection, and

means for transmitting transportation completion  
information to the effect that said object to be  
transported is transported to the delivery destination  
15 to said order receiving server through said line,

said order receiving server includes:

means for receiving said transportation start  
information through said line, and

means for receiving said transportation  
20 completion information through said line,

each of said order information and said delivery  
information further includes an electronic mail address  
of said customer,

25 said order receiving server further includes  
means for receiving said order information from each of  
said plurality of ordering terminals through said line  
to specify an electronic mail address of said customer,  
and

30 each mandatory terminal of said plurality of  
transportation vehicles includes means for transmitting  
said transportation completion information to said order  
receiving server through said line, as well as  
transmitting said transportation completion information  
to a terminal of said customer by means of an electronic  
35 mail through said line.

9. The transportation system as set forth in claim 1,  
wherein

5 said plurality of transportation vehicles are  
transportation vehicles of a plurality of transportation  
companies.

10. The transportation system as set forth in claim 1,  
wherein

at least one of said plurality of transportation

5 vehicles is a vehicle mainly for carrying a customer from a boarding place to an alighting place.

11. The transportation system as set forth in claim 1, wherein

5 a location of a business connection in charge of an object to be transported of said customer and/or a location of a delivery destination are in a store with round-the-clock operation.

12. A mandatory terminal of a transportation vehicle for directly transporting an object to be transported from a business connection to a delivery destination, comprising:

5 transmission means for periodically transmitting current location information of its own to an order receiving server through a line,

control means for enabling said transmission means to transmit said current location information of 10 its own only in a desired period, and

means for receiving delivery information including a location of a business connection in charge of an object to be transported and a location of a delivery destination from said order receiving server 15 through said line.

13. The mandatory terminal of a transportation

vehicle as set forth in claim 12, further comprising  
means for transmitting, to said order receiving  
server through said line, transportation start  
information to the effect that a transportation vehicle  
specified by said order receiving server as said  
mandatory transportation vehicle will transport said  
object to be transported from the business connection.

14. The mandatory terminal of a transportation  
vehicle as set forth in claim 12, further comprising  
means for transmitting transportation completion  
information to the effect that the object to be  
transported of said customer is transported to the  
5 delivery destination to said order receiving server  
through said line.

15. The mandatory terminal of a transportation  
vehicle as set forth in claim 12, further comprising:  
means for transmitting, to said order receiving  
server through said line, transportation start  
information to the effect that a transportation vehicle  
specified by said order receiving server as said  
mandatory transportation vehicle will transport said  
object to be transported from the business connection,  
and

10 means for transmitting transportation completion  
information to the effect that said object to be

transported is transported to the delivery destination to said order receiving server through said line.

16. An order receiving server for receiving an order for transportation of an object to be transported, comprising:

means for receiving current location information of one's own from each mandatory terminal of a plurality of transportation vehicles through the line to specify each current location information of said plurality of transportation vehicles,

means for receiving order information including a location of a business connection in charge of a customer's object to be transported and a location of a delivery destination from a plurality of ordering terminals through said line to specify a location of the business connection in charge of the object to be transported of said customer and a location of the delivery destination,

means for specifying each transportation vehicle having current location information of a transportation vehicle closest to a location of the business connection in charge of the object to be transported of said customer among current location information of said plurality of transportation vehicles as a mandatory transportation vehicle, and

means for transmitting delivery information

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25 including a location of the business connection in  
charge of the object to be transported of said customer  
and a location of the delivery destination to each  
mandatory terminal of the transportation vehicle  
specified as said mandatory transportation vehicle  
30 through said line.

17. The order receiving server for receiving an order  
for transportation of an object to be transported as set  
forth in claim 16, further comprising

5 means for receiving, through said line, said  
transportation start information sent from a  
transportation vehicle specified as said mandatory  
transportation vehicle to the effect that the  
transportation vehicle will transport the object to be  
transported from the business connection.

10 18. The order receiving server for receiving an order  
for transportation of an object to be transported as set  
forth in claim 16, further comprising

5 means for receiving, through said line,  
transportation completion information sent from a  
transportation vehicle specified as said mandatory  
transportation vehicle to the effect that the object to  
be transported is transported to the delivery  
destination.

19. The order receiving server for receiving an order for transportation of an object to be transported as set forth in claim 16, further comprising:

means for receiving, through said line, said transportation start information sent from a transportation vehicle specified as said mandatory transportation vehicle to the effect that the transportation vehicle will transport the object to be transported from the business connection, and

means for receiving, through said line, transportation completion information sent from a transportation vehicle specified as said mandatory transportation vehicle to the effect that the object to be transported is transported to the delivery destination.

20. A transportation method using a communication line, comprising the steps of:

a first step of periodically transmitting each current location information of one's own from each mandatory terminal of a plurality of transportation vehicles for directly transporting an object to be transported from a business connection to a delivery destination to an order receiving server through a line only in a desired period,

a second step of receiving said current location information of one's own at said order receiving server

from each mandatory terminal of said plurality of transportation vehicles through said line to specify each current location information of said plurality of transportation vehicles,

a third step of transmitting order information including a location of a business connection in charge of a customer's object to be transported and a location of a delivery destination from an ordering terminal for placing an order for transportation of a customer's object to be transported to said order receiving server through said line,

a fourth step of receiving the order information including a location of a business connection in charge of an object to be transported of said customer and a location of a delivery destination at said order receiving server from said ordering terminal through said line to specify a location of the business connection in charge of the object to be transported of said customer and a location of the delivery destination,

a fifth step of specifying a transportation vehicle having current location information of a transportation vehicle closest to the location of the business connection in charge of the object to be transported of said customer among current location information of said plurality of transportation vehicles as a mandatory transportation vehicle, and

a sixth step of transmitting and receiving

40 delivery information including a location of a business connection in charge of a customer's object to be transported and a location of a delivery destination from/at said order receiving sever to/from the mandatory terminal of a transportation vehicle specified as said mandatory transportation vehicle through said line.

45 21. The transportation method using a communication line as set forth in claim 20, further comprising:

5 after said sixth step, a seventh step of transmitting and receiving transportation start information to the effect that the transportation vehicle specified by said order receiving server as said mandatory transportation vehicle will transport the object to be transported of said customer from the business connection from/at said ordering terminal to/from said order receiving server through said line.

10 22. The transportation method using a communication line as set forth in claim 20, further comprising:

5 after said sixth step, an eighth step of transmitting and receiving transportation completion information to the effect that the object to be transported of said customer is transported to the delivery destination from/at the mandatory terminal of the transportation vehicle specified by said order receiving server as said mandatory transportation

10        vehicle to/from said order receiving server through said  
line.

23.        The transportation method using a communication  
line as set forth in claim 20, further comprising:

      after said sixth step, a seventh step of  
transmitting and receiving transportation start  
5        information to the effect that the transportation  
vehicle specified by said order receiving server as said  
mandatory transportation vehicle will transport the  
object to be transported of said customer from the  
business connection from/at the ordering terminal

10        to/from said order receiving server through said line,  
and

      after said sixth step, an eighth step of  
transmitting and receiving transportation completion  
information to the effect that the object to be  
15        transported of said customer is transported to the  
delivery destination from/at the mandatory terminal of  
the transportation vehicle specified by said order  
receiving server as said mandatory transportation  
vehicle to/from said order receiving server through said  
line.

24.        The transportation method using a communication  
line as set forth in claim 20, further comprising:

      after said sixth step, an eighth step of

transmitting and receiving transportation completion  
5 information to the effect that the object to be  
transported of said customer is transported to the  
delivery destination from/at the mandatory terminal of  
the transportation vehicle specified by said order  
receiving server as said mandatory transportation  
10 vehicle to/from said order receiving server through said  
line, wherein

each of said order information and said delivery  
information further includes information of an  
electronic mail address of said customer, and which  
15 further comprises:

after said third step and before said sixth step,  
a step of receiving said order information at said order  
receiving server from said ordering terminal through  
said line to specify an electronic mail address of said  
20 customer, and

a step of transmitting and receiving said  
transportation completion information from/at the  
mandatory terminal of the transportation vehicle  
specified by said order receiving server as said  
25 mandatory transportation vehicle to/from a terminal of  
said customer by an electronic mail through said line,  
as well as executing said eighth step.

25. The transportation method using a communication  
line as set forth in claim 20, further comprising:

after said sixth step, a seventh step of  
transmitting and receiving transportation start  
5 information to the effect that the transportation  
vehicle specified by said order receiving server as said  
mandatory transportation vehicle will transport the  
object to be transported of said customer from the  
business connection from/at said ordering terminal  
10 to/from said order receiving server through said line,

after said sixth step, an eighth step of  
transmitting and receiving transportation completion  
information to the effect that the object to be  
transported of said customer is transported to the  
15 delivery destination from/at the mandatory terminal of  
the transportation vehicle specified by said order  
receiving server as said mandatory transportation  
vehicle to/from said order receiving server through said  
line, wherein

20 each of said order information and said delivery  
information further includes information of an  
electronic mail address of said customer, and which  
further comprises:

25 after said third step and before said sixth step,  
a step of receiving said order information at said order  
receiving server from said ordering terminal through  
said line to specify an electronic mail address of said  
customer, and

a step of transmitting and receiving said

30 transportation completion information from/at the  
mandatory terminal of the transportation vehicle  
specified by said order receiving server as said  
mandatory transportation vehicle to/from a terminal of  
said customer by an electronic mail through said line,  
35 as well as executing said eighth step.

26. The transportation method using a communication  
line as set forth in claim 20, wherein  
said plurality of transportation vehicles are  
transportation vehicles of a plurality of transportation  
5 companies.

27. The transportation method using a communication  
line as set forth in claim 20, wherein  
at least one of said plurality of transportation  
vehicles is a vehicle mainly for carrying a customer  
5 from a boarding place to an alighting place.

28. The transportation method using a communication  
line as set forth in claim 20, wherein  
a location of a business connection in charge of  
an object to be transported of said customer and/or a  
5 location of a delivery destination are in a store with  
round-the-clock operation.